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OM nucleic - nucleic search, using sw model

Run on: June 4, 2003, 20:42:37 ; Search time 98.5848 Seconds
(without alignments)
6019.383 Million cell updates/sec

Title: US-09-778-187B-3

Perfect score: 1935
Sequence: 1 GGCAGCGCCTCCAGGCTCC.....aagaaaaaaaaaaaaaaaaa 1935

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA.*

1: /cgn2_6/ptodata/1/ina/5A.COMB.seq.*
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6: /cgn2_6/ptodata/1/ina/backfile1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	219.4	11.3	1266	US-08-659-984A-2	Sequence 2, Appli
2	219.4	11.3	1266	US-08-660-531-2	Sequence 2, Appli
3	219.4	11.3	1335	US-08-659-984A-4	Sequence 4, Appli
4	219.4	11.3	1335	US-08-660-531-4	Sequence 4, Appli
5	83.8	4.3	7218	US-08-233-463-14	Sequence 14, Appli
6	58.6	3.0	2477	US-08-428-742-1	Sequence 1, Appli
7	57.6	3.0	2447	US-09-014-969-14	Sequence 14, Appli
8	56.4	2.9	240	US-08-628-417-6	Sequence 6, Appli
9	53	2.7	6755	US-08-931-999-4	Sequence 4, Appli
10	51.6	2.7	7218	US-08-233-463-14	Sequence 14, Appli
11	50.4	2.6	289	US-09-007-005-17	Sequence 17, Appli
12	50.4	2.6	289	US-09-244-796-17	Sequence 17, Appli
13	49.8	2.6	1476	US-08-753-007A-7	Sequence 7, Appli
14	49.8	2.6	1476	US-09-398-496-7	Sequence 7, Appli
15	49.8	2.6	1884	US-08-753-007A-5	Sequence 5, Appli
16	49.8	2.6	1884	US-09-398-496-5	Sequence 5, Appli
17	49.8	2.6	2268	US-08-753-007A-31	Sequence 31, Appli
18	49.8	2.6	2268	US-09-398-496-31	Sequence 31, Appli
19	49.2	2.5	19124	US-08-487-826B-13	Sequence 13, Appli
20	47.6	2.5	6243	US-09-056-075-1	Sequence 1, Appli
21	46.4	2.4	700	US-09-236-097-8	Sequence 8, Appli
22	46.4	2.4	35828	US-09-449-218D-17	Sequence 17, Appli
23	46.2	2.4	11236	US-07-853-913-1	Sequence 1, Appli
24	45.8	2.4	277	US-09-007-005-3	Sequence 3, Appli
25	45.8	2.4	277	US-09-244-796-3	Sequence 3, Appli
26	45.6	2.4	252	US-08-332-766A-28	Sequence 28, Appli
27	45.4	2.3	1798	US-09-797-906-1	Sequence 1, Appli

C 28	45.2	2.3	3680	1	US-08-759-948-1	Sequence 1, Appli
C 29	45.2	2.3	3680	5	PCT-US95-09383-1	Sequence 1, Appli
C 30	45	2.3	377	2	US-08-332-766A-1	Sequence 1, Appli
C 31	45	2.3	1447	4	US-09-443-041A-27	Sequence 27, Appli
C 32	44.8	2.3	993	3	US-08-525-864A-3	Sequence 3, Appli
C 33	44.8	2.3	1733	3	US-09-073-569-1	Sequence 1, Appli
C 34	44.8	2.3	2949	4	US-09-412-554A-3	Sequence 3, Appli
C 35	44.8	2.3	3441	2	US-08-525-864A-1	Sequence 1, Appli
C 36	44	2.3	3275	4	US-09-370-838-151	Sequence 151, App
C 37	44	2.3	51259	3	US-08-781-891-209	Sequence 209, App
C 38	43.2	2.2	642	1	US-08-764-100-13	Sequence 13, Appli
C 39	43.2	2.2	1509	4	US-09-149-476-179	Sequence 179, App
C 40	43.2	2.2	1607	3	US-08-753-007A-3	Sequence 3, Appli
C 41	43.2	2.2	1607	3	US-09-398-496-3	Sequence 3, Appli
C 42	43.2	2.2	2320	4	US-09-202-904A-13	Sequence 13, Appli
C 43	43.2	2.2	2467	3	US-08-753-007A-1	Sequence 1, Appli
C 44	43.2	2.2	2467	3	US-09-398-496-1	Sequence 1, Appli
C 45	43.2	2.2	3000	1	US-08-764-100-9	Sequence 9, Appli

ALIGNMENTS

RESULT 1
US-08-659-984A-2
Sequence 2, Application US/08659984A
Patent No. 5942400
GENERAL INFORMATION:
APPLICANT: Anderson, John P.
APPLICANT: Simha, Sukanto
APPLICANT: Jacobson-Croak, Kirsten L.
TITLE OF INVENTION: Assays for Detecting Beta-Secretase
TITLE OF INVENTION: Inhibition
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Ctr., 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,984A
FILING DATE: 07-JUN-1996
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/485,152
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Heslin, James M.
REGISTRATION NUMBER: 29,541
REFERENCE/DOCKET NUMBER: 15270-002810US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1266 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-659-984A-2
Query Match 11.3%; Score 219.4; DB 2; Length 1266;
Best Local Similarity 52.1%; Pred. No. 2,7e-52;
Matches 651; Conservative 0; Mismatches 541; Indels 57; Gaps 5;

QY	75	ATGACACGAATCTGTTTACTTAAAGCCGACAGTATTTGAAGAGAAAGTGGCAACATCA	134
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QY	135	GCTCCAGGTCATATPAAGATGACGACACTCAGTATCCAGCTCCCTGTAACCCCAACAGCAGA	194
Db	86	CTTCAGAGGTTGATCAAAATGATGAACACTCCCTCCATGATGGCAAAATCCAGTCAACAGA	145
QY	195	CCATTACTTACAGGACCTTCAGGCTTTGAAGACAGAGTTTCACTGCTGAAATTTT	254
Db	146	CTCTGACTTTGACGACCAAGAAAGCTTTAAGGACCAATAGATCCAGCTGGTTCCGCGCTT	205
QY	255	CTACAGGAACTCAAAAGTGTCACTGACGAATGTCAATCTCGATGAAGGAGAACTACT	314
Db	206	CTTGCGCATGAATTGATTAATGATTAAGTGTCACTGATGTGTCTCTGTATGAAGACGTACA	265
QY	315	TCTGCGAGCTTACACGCGACCCCAACAGAGAGTTAACACCACTACAGCTCGTTTC	374
Db	266	CTGTCTTTTATTACATATGCTGTCAAACTTCCAAAGGCATATCTCACCGTTCTGGGTT	325
QY	375	CTCCACGTACTTGATGATTCGATATCCAAAGACACGCGAGTTGAAGGAGAGATTC	434
Db	326	TTCTGAAAACCTCAGATTTAGTGGATTTCTCATCACGTTATGAGAGGATGACTTGAATGC	385
QY	435	AAGTCACTGTATGTCGCAATGGCAGCAGCAAGCCAGCAGCAATCCAGTGGT-----	486
Db	386	AGTGACTTGAACAACTCTGGATTAACCTCGCAGCTGATTAAGATGGTTCAAAATG	445
QY	487	-CAAAGGAAACAAAGAACTCAAAGCAATCCAGAGTGAAGAGTGTGCGACATGTACA	545
Db	446	ACAAAGAGATTAAAGTGAATTAATTTTAAAGAGAGATGCAAAATCGCAAGACATTTCA	505
QY	546	CTGTGACCACTGAGTGTATGCTGAAGGTGCACAAGAGACGACGCGGTCCCGTGATCT	605
Db	506	CTGTACAGACACTGTGACTTCCGAGTGGACCGAGATGATGATGAGTGGCGGTCACTCT	565
QY	606	GCCAGTGGACACCCCTCGGTCACTGGAACCTGCAAG---ACCAGGCGTATCTTAAGAG	662
Db	566	GCAAGTAGATCAACAATCCCTCAATGCGACCCCTCAGATGACCATGCAAGGTGTAGAAA	625
QY	663	TGCAGTATAAACCGAAGTGCATATCCAGATCACTTACCCTGTGAAAGGCTTAACCCGAG	722
Db	626	TACACTATACACATCACTTAAGATTAATACATCGACTCTTTTC-----CACAG	676
QY	723	AAGGGATGATTTGAGTTAAAGTGTGAAGCCATCGGAGGCCAGCTGTGATGTAA	782
Db	677	AAGGACAGCTTTTAAATTTTGACTTGTGATCCAAAGAAAACCATGCGACGAACCTGTTT	736
QY	783	CTTGGGTGAGTGCATATGAATGCTCTCAACATGCC-----GTACTGTGGGCCAA	836
Db	737	TGTGTACAAAGATGCGAGAGATTAAACAGATCCGACCGAATGGTTGTGATGTGTAGGG	796
QY	837	ACCTGTTATCAATPAACTTAACAAACAGATPAACGATACTTACCGCTGTGAGGCTTCCA	896
Db	797	AGCTTAACATCTTTTCTTGACAAAACGATTAATGTATCATATGATGTGAAGCCACAA	856
QY	897	ACATAGTGGAAAGGCTATTCGACTATATGCTATATGTATATCATATCCCTCCCAACATA	956
Db	857	ACACATTTGGCCAAAGCAGTGGGAAATATGTTCTCATTTGTGATGATGTGCCAACACTT	916
QY	957	TCCCTCTCCCAACAAACACACCACTACCAACAACAACACACACATCTTACCA	1014
Db	917	TGCTTCCACATCATATCATCCCTCCCTTACCACTGCAACAGTCAACAACACTGTAGCCA	976
QY	1017	TCATCCAGATTTCTGACGAGGTGAAGAGGGGACATTTGGGGCAATG-----	1067
Db	977	TAAACAACGACCAACACATTTGCAACAACGACGATCAGAAATCTTAAATGCTTTGG	1033
QY	1064	-----GACCACGAGTATGTTGGCGTCTAGACCGGTGTGATGTTTG	1106
Db	1037	CTGGCGAAGATGGCCCTGACCACTGTCTCATATGAGAGAAATATGGCTGTAGTTGATTTGG	1099
QY	1107	CCATGCTATGCTGCTCATCTTCTGGGCGCTATTTTTCGACACATAAAGGTACACT	1166

Db		1097 TCAGCGCTGTTCATCTTTCTGCTTGGTCATATCTGGCAAGCATTAAGAAGCATAFT	1155
Oy		1167 TCACTCATGAAGCCAAAGAGCCGATGACGACGACGACGACGACGACTATATCATG	1222
Db		1157 TTAACAATTAAGAGCTAAGAGAGCTGAAGTGACGCCGAGAGCTGATCACGCATTATCAATG	1211
Oy		1227 CAGAAGGAGCAGAACACATCCGACAGAAAAGAAAGACTACTCATCTA	1275
Db		1217 CTGAAGCGAGCCAAAGTCATCTGTGAAGGAAAAAGATATTCTTTA	1265
 RESULT 2.			
	US-08-660-531-2		
	/ Sequence 2, Application US/08660531		
	/ Patent No. 6221645		
	/ GENERAL INFORMATION:		
	/ APPLICANT: Chrysler, Susanna M.S.		
	/ APPLICANT: Sinha, Sukanto		
	/ APPLICANT: Keim, Pamela S.		
	/ APPLICANT: Anderson, John P.		
	/ TITLE OF INVENTION: Beta-Secretase		
	/ NUMBER OF SEQUENCES: 21		
	/ CORRESPONDENCE ADDRESS:		
	/ ADDRESSEE: Townsend and Townsend and Crew LLP		
	/ STREET: Two Embarcadero Ctr., 8th Floor		
	/ CITY: San Francisco		
	/ STATE: California		
	/ COUNTRY: USA		
	/ ZIP: 94111-3834		
	/ COMPUTER READABLE FORM:		
	/ MEDIUM TYPE: Floppy disk		
	/ COMPUTER: IBM PC compatible		
	/ OPERATING SYSTEM: PC-DOS/MS-DOS		
	/ SOFTWARE: Patent In Release #1.0, Version #1.25		
	/ CURRENT APPLICATION DATA:		
	/ APPLICATION NUMBER: US/08/660,531		
	/ FILING DATE:		
	/ CLASSIFICATION: 435		
	/ PRIOR APPLICATION DATA:		
	/ APPLICATION NUMBER: US 08/480,498		
	/ FILING DATE: 07-JUN-1995		
	/ ATTORNEY/AGENT INFORMATION:		
	/ NAME: Heslin, James M.		
	/ REGISTRATION NUMBER: 29,541		
	/ REFERENCE/DOCKET NUMBER: 15270-002210US		
	/ TELECOMMUNICATION INFORMATION:		
	/ TELEPHONE: 415-326-2400		
	/ TELEFAX: 415-326-2422		
	/ INFORMATION FOR SEO ID NO: 2:		
	/ SEQUENCE CHARACTERISTICS:		
	/ LENGTH: 1266 base pairs		
	/ TYPE: nucleic acid		
	/ STRANDEDNESS: single		
	/ TOPOLOGY: linear		
	/ MOLECULE TYPE: CDNA		
	/ US-08-660-531-2		
	Query Match	11.3%; Score 219.4; DB 4; Length 1266;	
	Best Local Similarity	52.1%; Pred. No. 2.7e-52;	
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Oy		195 CCATTATCTTCAGGACCTTCAGGCTTTGAAGAGACAGAGGTTTTCAGCTGCTGAATTTTT	254
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Qy 421 ACCACATCAGATCTGTCCACACAGTATATGATGATGATGATGATGATGATGATGATGAT 480
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Db 481 GCGGTGAAGGTGAAGAGATTGAAGTCACTGCTATAGCCAGGAGCCAGCCAGC 540
Qy 541 ACTATCAGTGTGTTAAAGGGAACACAGAGCTAAAGGCAATCGAGCTGGAAGATGCG 600
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Qy 781 TTAACCCGGAAGGGAAGGAGCGGCTGATGATGATGATGATGATGATGATGATGATGATGAT 840
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Qy 841 GTGATGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 900
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Qy 901 CCCAAGCTGTTCTATTAATTAACCTTAACCAAAAGATATGATGATGATGATGATGATGAT 960
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Qy 961 TCAAAATAGTGGGAAAGCTCACTCGGATTAATGCTGATGATGATGATGATGATGATGATGAT 1020
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Db 1261 GAGCGAGAGAGCGAGACAGAGCTATATCAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320

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Db 1321 GAAAGAAAGAGTACTTATCATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1380
Qy 1381 CCTATTTGATGATTAAGAGACAGTATTTGAACTTTGGAGAAATTTGCTGTTT 1440
Db 1381 CCTATTTGATGATTAAGAGACAGTATTTGAACTTTGGAGAAATTTGCTGTTT 1440
Qy 1441 TATGAATGGGTGAAGAGTGAAGTGGGAGAGCTTGGATTTGCTGTGTAAGAAAAA 1500
Db 1441 TATGAATGGGTGAAGAGTGAAGTGGGAGAGCTTGGATTTGCTGTGTAAGAAAAA 1500
Qy 1501 AAAAAATGTTCTTTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560
Db 1501 AAAAAATGTTCTTTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560
Qy 1561 CTATATCATTAATCTTAATATCATATCATATTTTCAT 1598
Db 1561 CTATATCATTAATCTTAATATCATATCATATTTTCAT 1598

RESULT 2
US-09-778-187B-1
; Sequence 1, Application US/09778187B
; Patent No. US20020168712A1
; GENERAL INFORMATION:
; APPLICANT: Baum, Peter R.
; TITLE OF INVENTION: MOLECULES DESIGNATED LDCAM
; FILE REFERENCE: 2873-US
; CURRENT APPLICATION NUMBER: US/09/778, 187B
; CURRENT FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: PCT/US99/17905
; PRIOR FILING DATE: 1999-08-05
; PRIOR APPLICATION NUMBER: US 60/095, 672
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 1
; LENGTH: 1598
; TYPE: DNA
; ORGANISM: homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (16)..(1341)
; OTHER INFORMATION:
; US-09-778-187B-1

Query Match 100.0%; Score 1598; DB 9; Length 1598;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1598; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GCGGCCGCGCCGACATGCGAGTGTAGTGTGCTGCCAGCGGATCCAGTGTGCGCGGCA 60
Db 1 GCGGCCGCGCCGACATGCGAGTGTAGTGTGCTGCCAGCGGATCCAGTGTGCGCGGCA 60
Qy 61 GCGGCGGCGGCGGCGCTCCCGGCGCTCCGCGCTTCTGCTGTGCTTCTCCGCC 120
Db 61 GCGGCGGCGGCGGCGCTCCCGGCGCTCCGCGCTTCTGCTGTGCTTCTCCGCC 120
Qy 121 GCGGCACTGATCCCGACAGTGTAGTGGCAGATCTGTTTACGAAGAGTGAAGATGATC 180
Db 121 GCGGCACTGATCCCGACAGTGTAGTGGCAGATCTGTTTACGAAGAGTGAAGATGATC 180
Qy 181 GAGGAGAGGTTGGACCATATGTTGCCAAGTCAATAAGAGTGAAGTCTGTGATTCAG 240
Db 181 GAGGAGAGGTTGGACCATATGTTGCCAAGTCAATAAGAGTGAAGTCTGTGATTCAG 240
Qy 241 CTACTGAATCCCAACAGGAGAGACATTTATTTAGGGAGCTTCAGGCTTTGAGAGAGAGAG 300
Db 241 CTACTGAATCCCAACAGGAGAGACATTTATTTAGGGAGCTTCAGGCTTTGAGAGAGAGAG 300

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143 ATGGGCAAGATCTGTTTACGAAAGCGTGAAGTATCGAGGAGAGGTTGCGACCATCA 202
26 AAGGGCAAGTTTCCACTAAGACAGATGTAAACGGTTGTGAAGGTGCACTCAATTTTGA 85
203 GTTGGCAAGTCAATTAAGGTGACGACTGTGATTTACTACTGTAATCCCAACAGGCGA 262
86 CCTCAGAGGTTGATCAAAATGATTAACACCTCCCTCCAGTGTCAAAATCCACTCAACGA 145
263 CCATTTATTTGAGGACTTCAGGCTTTGAAGGACAGAGTTTGTGCTGAATTTT 322
146 CTCTGTACTTTGAGCACAAGAAAGCTTTAAGGACAAATAGATCGAGCTGGTGGCGCTT 205
323 CTAGCAGTGAATCTAAAGTATCATTGACAAAGTCTCAATTTTGTGATGAAGAGATACT 382
206 CCGGACGATGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 265
383 TTTGGCAGCTCTATTCGCAATCCCAACGAAAGTTAACCAACATTCACAGTCTCTGTC 442
266 CCGTCTTTTATTTAACAATGCGCTGTCAAAACCTTCAGAGCAATATCTCACCGTTCTGGGTG 325
443 CACCAAGTATCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 502
326 TTTCTGAAAGGCTCAGATTAAGTATGATGATGATGATGATGATGATGATGATGATGATG 385
503 AAGTCACTGCACTGCTATGCGCAGCAAGCCAGCCAGCACTATCAGTGTGTTCAAGGGA 562
386 AGCTGACTTGGCAAAACATCTGGTAGTAAACCTGCAGCTGATATAGATGTTCAAAATG 445
563 ACACAGACTTAAAGGCAATCGAGGTGGAAGATGCTGAG-----ACATGTACA 613
446 ACAAGAGATTTAAAGTATTAATTTTAAAGAGAGATGCAATGCAAGACATTTCA 505
614 CTGTGACCACTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 673
506 CTGTGACGACGACACTGAGACTTCCAGTGTGACCGAGTGTGATGATGATGATGATGATG 565
674 GCCAGGTGAGACCCCTGCGGTCTACTGGAACCTTGACA---CCGACGGATATCTAAG 730
566 GCAGAGTAGATCAACAATCCCTCATATGCCACCCCTCAGGTAGCCATGACAGGTGATGAAA 625
731 TACAGTATTAAGCTCAAGTGCATTTCAAGTATCTTCTTACAAAGCTTAACCCGGG 790
626 TACACTATTAACCAATCAGTTAAGATTATACATTCACATCTCTTTTC-----CACAG 676
791 AAGGGAGCGCGCTTGTAGTTAACAATGGAAGCCATGGGAGGCCCCAGCTGATGATGATA 850
677 AAGGACAGCTTTAATTTTGACTTGTGATTCAAAGGAAACCACTGCGACAGACCTGTT 736
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737 TGTGACAAAGATGGCGGAGATTAACAGATCTGACCGAATGGTGTGATGATGATGATGATG 796
905 AACTGTTATCAATTAACCTTAACAAACAGATTAATGATGATGATGATGATGATGATGATG 964
797 AGCTTAACATCTTTCTTGAACAAACGATTAATGATGATGATGATGATGATGATGATGATG 856
965 ACATAGTGGGGAAGCTCACTGATGATGATGATGATGATGATGATGATGATGATGATGATG 1024
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1025 TCCCTCTCTCCCAACAACCAACACCAACCAACCAACCAACCAACCAACCAACCTTTACCA 1084
917 TGTCTTCCACTATCAATTCCTCCCTTACCACTGCAACAGTCAACCACTGATGATGATG 976
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977 TAAACAACGACCCCAACAACATCTGCAACAACAGAGCAATCAGAGATCTTAATGCTTTGG 1036
1132 -----GATCATGCGGTGATGCGTGGCGGTGCGTGGCGGTGCGTGGCGGTGCGTGGCG 1174
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1175 CCATGCTGTGCTTGTCTCATTTCTGGGGCGCTATTTTGGCAGACATAAAGGTACATACT 1234

1097 TCACGCTGTGTTCTATCTTTCTGCTTGTGATGATGATGATGATGATGATGATGATGAT 1156
1235 TCACATGAAGCCAAAGAGCCGATGACGAGCAGACGACAGACAGATTAATCAATG 1294
1157 TAAACAATGAAGCTTAAGAGCTTAAGATGACACAGATGCTGATTAAGACCATTTTCAATG 1216
1295 CAGAGAGAGGACAGAACAACTCCGAGAGAAAAGAAAGATACCTTATCTTA 1343
1217 CTGAAGGAGGCAAGTCAATGCTGAGAGAAAAGAGATTTTCAATTTA 1265

RESULT 2
US-08-660-531-2
Sequence 2, Application US/08660531
Patent No. 6221645
GENERAL INFORMATION:
APPLICANT: Chrysler, Susanna M.S.
APPLICANT: Simha, Sukanto
APPLICANT: Keim, Pamela S.
APPLICANT: Anderson, John P.
TITLE OF INVENTION: Beta-Secretase
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Ctr., 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,531
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/480,498
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Heslin, James M.
REGISTRATION NUMBER: 29,541
REFERENCE/DOCKET NUMBER: 15270-002210US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1266 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-660-531-2

Query Match 14.2%; Score 227.4; DB 4; Length 1266;
Best Local Similarity 52.5%; Pred. No. 2.4e-54;
Matches 656; Conservative 0; Mismatches 536; Indels 57; Gaps 5;

143 ATGGGCAAGATCTGTTTACGAAAGCGTGAAGTATCGAGGAGAGGTTGCGACCATCA 202
26 AAGGGCAAGTTTCCACTAAGACAGATGTAAACGGTTGTGAAGGTGCACTCAATTTTGA 85
203 GTTGGCAAGTCAATTAAGGTGACGACTGTGATTTACTACTGTAATCCCAACAGGCGA 262
86 CCTCAGAGGTTGATCAAAATGATTAACACCTCCCTCCAGTGTCAAAATCCACTCAACGA 145
263 CCATTTATTTGAGGACTTCAGGCTTTGAAGGACAGAGTTTGTGCTGAATTTT 322
1037 CTGGCCAGAAATGGCCCTGACATGCTCTCATAGAGGAATAGTGGCTGATGATGATGATG 1096
146 CTCTGTACTTTGAGCACAAGAAAGCTTTAAGGACAAATAGATCGAGCTGGTGGCGCTT 205